

## MultiComm

The workhorses of the U.S. electric utility substation for over a decade, the Bitronics MultiComm provides local indication and/or retransmission of electrical values to RTUs or PLCs in SCADA applications.



The MultiComm™ instrument is a utility-grade, three-phase, digital power meter that connects directly to instrument transformers. Direct-connect high-voltage inputs are also available. The design and components are field-proven in the substation environment with all inputs transformer isolated. The multiple microprocessor design uses advanced digital signal processing for true RMS measurements including power. This instrument is a multifunction meter that calculates and displays Voltages, Currents, Power (real, reactive, apparent), Power Factor, Frequency, and Energy Values. Real-time Harmonics, K-Factor, Displacement Power Factor, and Demand measurements with Min/Max memory are also available.

The MultiComm instrument is an Intelligent Electronic Device (IED) and stores these measured values in internal registers for serial communication access. The 120V ac input meters, with AC power supply option, meet IEC standard 1010 and are certified by Underwriters Laboratory to meet UL and CSA standards.

### Features

- Simultaneous display of all phases
- Push-button, in-field scaling from library of ANSI CT and PT ratios, with non-volatile memory requires no batteries for settings retention
- Modular construction simplifies maintenance
- One RS-232, RS-485, or Modbus plus Port
- Transducer Outputs: 0-1mA or 4-20mA